Building Site Development

Map symbol and soil name	Pct. of map unit	basements	basements		ı	Small commercia buildings 	al
				Rating class and limiting features			
7A: Wiota	1 100	 		 Somewhat limited Shrink-swell		 Somewhat limited Shrink-swell	 0.50
13B: Olmitz	 40 	 Somewhat limited Shrink-swell 			0.50	 Somewhat limited Shrink-swell Slope	 0.50 0.01
Colo	30 	Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Shrink-swell	1.00 	 Very limited Depth to saturated zone Shrink-swell Slope	 1.00 0.50 0.01
Vesser	30 	 Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39	 Very limited Flooding Depth to saturated zone Shrink-swell 	1.00 1.00	 Very limited Flooding Shrink-swell Depth to saturated zone Slope	 1.00 0.50 0.39
24D2: Shelby	 100 	 Somewhat limited Slope Shrink-swell 	0.63		 0.63 0.50 0.16	Slope Shrink-swell	 1.00 0.50
24D3: Shelby	 100 	Slope		Depth to	0.63 0.50 0.16	•	 1.00 0.50
24E2: Shelby	 100 	 Very limited Slope Shrink-swell 	1.00 0.50	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 0.50 0.16	Shrink-swell	 1.00 0.50

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	out	Dwellings with basements		Small commercia buildings 	al
	 			Rating class and limiting features			
24E3: Shelby	 - 100 	 Very limited Slope Shrink-swell 	1 1 1 0 0 1 0 . 5 0	Slope	1 1 1 0 0 1 0 . 5 0 1 0 . 1 6	Shrink-swell	1 1.00
51A: Vesser	 - 95 	 Very limited Flooding Shrink-swell Depth to saturated zone	1.00 0.50 0.39	saturated zone		Ī	 1.00 0.50 0.39
51B: Vesser	 - 95 	Shrink-swell	 0.50 0.39	saturated zone	 1.00 0.50	İ	 0.50 0.39 0.01
54A: Zook	 - 100 	Flooding	1.00 1.00 	 Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00 1.00
54B: Zook	 - 100 	•	11.00	Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Shrink-swell Slope	 1.00 1.00 0.01
56B: Cantril	 - 95 	 Somewhat limited Shrink-swell 		 Very limited Depth to saturated zone Shrink-swell	 0.95 0.50		 0.50 0.01
65E2: Lindley	 - 100 	 Very limited Slope Shrink-swell 	11.00	=	11.00	=	11.00

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings	al
	 			Rating class and limiting features			
65E3: Lindley	 - 100 	Slope	1.00	Slope	11.00	 Very limited Slope Shrink-swell	1 1.00
65F: Lindley	 - 100 	Slope				 Very limited Slope Shrink-swell	11.00
65F2: Lindley	 - 100 	Slope	1.00	Slope	1.00	 Very limited Slope Shrink-swell	11.00
65F3: Lindley	 - 100 	Slope		 Very limited Slope Shrink-swell		 Very limited Slope Shrink-swell	 1.00 0.50
65G2: Lindley	 - 100 	Slope	1.00	Slope	1.00	 Very limited Slope Shrink-swell	 1.00 0.50
93D2: Adair	 - 55 	Shrink-swell 	1.00 	Depth to saturated zone	1.00 	 Very limited Slope Shrink-swell	 1.00 1.00
		Depth to saturated zone 	0.39 	Shrink-swell 	0.50 	Depth to saturated zone 	0.39
Shelby	- 35 	Slope	0.63 0.50 	Shrink-swell Depth to	0.63	Slope Shrink-swell	 1.00 0.50
93D3: Adair	 - 55 	 Very limited Shrink-swell 	1 1.00	 Very limited Depth to saturated zone	1 1.00	 Very limited Slope 	1 1 1 1 1 1 1 1 1 1
		Slope Depth to saturated zone	0.63 0.39		0.63 0.50	•	1.00 0.39

Building Site Development

and soil name	Pct. of map unit	basements	ut	Dwellings with basements 		Small commercia buildings 	al
				Rating class and limiting features			
Shelby	35 35 	Slope	0.63 0.50	Slope Shrink-swell	0.63 0.50 0.16	Slope Shrink-swell 	 1.00 0.50
94D2: Mystic		Shrink-swell	11.00	Shrink-swell Slope	1.00 0.63 0.61	Shrink-swell	 1.00 1.00
Caleb	 35 	Slope	0.63	Slope	0.63 0.61	 Very limited Slope Shrink-swell 	1 1.00 0.50
94D3: Mystic	 60 	Shrink-swell	1.00 0.63	Shrink-swell Slope	1.00 0.63 0.61	 Very limited Slope Shrink-swell 	11.00
Caleb	 40 	Slope	0.63	Slope	0.63 0.61	 Very limited Slope Shrink-swell 	 1.00 0.50
94E2: Mystic	 55 	Shrink-swell	1.00 1.00 	Slope	1.00 1.00 0.61	•	 1.00 1.00
Caleb	 35 	Slope	11.00	Slope		 Very limited Slope Shrink-swell 	 1.00 0.50

Building Site Development

and soil name	Pct. of map unit		ut	Dwellings with basements		Small commercia buildings	al
				Rating class and limiting features			
94E3: Mystic	 55 	Shrink-swell	1.00 1.00	Shrink-swell	1.00 1.00 0.61		11.00
Caleb		Slope	1.00	Slope Depth to	11.00	 Slope Shrink-swell 	 1.00 0.50
130: Belinda	 100 	Depth to saturated zone	1.00 	•	11.00		 1.00 1.00
131B: Pershing	 100 	 Very limited Shrink-swell 	 1.00 		1.00 0.95	 Very limited Shrink-swell Slope 	 1.00 0.01
131C: Pershing	100		1.00 		1.00 0.95	 Very limited Shrink-swell Slope	 1.00 0.86
131C2: Pershing		· •		Shrink-swell	1.00 0.95		 1.00 0.86
132B: Weller				 Very limited Shrink-swell Depth to saturated zone	11.00	 Very limited Shrink-swell Slope 	 1.00 0.01
132B2: Weller	 100 	 Very limited Shrink-swell 	1 1.00	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95		 1.00 0.01

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings 	al
	 			Rating class and limiting features			
132C2: Weller	100 	 - Very limited Shrink-swell -		Shrink-swell	1.00 0.95	 Very limited Shrink-swell Slope 	 1.00 0.86
132D2: Weller	100 	Shrink-swell	1.00 0.63 	Shrink-swell Depth to saturated zone	1.00 0.95	Shrink-swell	 1.00 1.00
133+: Colo	100 	Flooding Depth to saturated zone	1.00 1.00	Flooding Depth to saturated zone	1.00 1.00	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00 0.50
133A: Colo	100 	Flooding Depth to saturated zone	1.00 1.00 	Flooding Depth to saturated zone	1.00 1.00 	Depth to	 1.00 1.00 0.50
133B: Colo	100 	Depth to saturated zone	1.00 	Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Shrink-swell Slope	 1.00 0.50 0.01
172: Wabash	 	Flooding Depth to	1.00 1.00	Flooding Depth to saturated zone	11.00	Depth to saturated zone	
179D2: Gara	100 	 Somewhat limited Slope Shrink-swell 	 0.63 0.50 		 0.63 0.50 0.16	Shrink-swell	 1.00 0.50

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	out	Dwellings with basements		Small commercial buildings 	
				Rating class and limiting features 			
179D3:	I	 		 		 	
	100 	Somewhat limited Slope Shrink-swell 	0.63 0.50	Shrink-swell Depth to		Slope Shrink-swell	 1.00 0.50
179E:	i	İ	i		i	İ	i
Gara	100 	Slope		Very limited Slope Shrink-swell Depth to saturated zone	 1.00 0.50 0.16	Shrink-swell	 1.00 0.50
179E2:	i		i				i
Gara	100 	Very limited Slope Shrink-swell 	11.00				 1.00 0.50
179E3:		 		 		 	i
Gara	100 	Slope		Depth to	 1.00 0.50 0.16	Shrink-swell	 1.00 0.50
179F2:	i		i				i
Gara	100 	Very limited Slope Shrink-swell 	1.00 0.50	Depth to			 1.00 0.50
192C:	i						
Adair	100 	Very limited Shrink-swell 	1.00 	Very limited Depth to saturated zone		Very limited Shrink-swell 	 1.00
		Depth to saturated zone	0.39	Shrink-swell	0.50	Slope	0.86
				 		Depth to saturated zone	0.39

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings	al
		Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
192C2: Adair	 - 100 	Shrink-swell 		Depth to saturated zone	11.00	 	 1.00 0.86
192D2: Adair				Depth to saturated zone	11.00	Depth to saturated zone Very limited Slope Shrink-swell	0.39 1.00
208: Landes Variant		Depth to saturated zone 	0.39	Shrink-swell - - - Very limited Flooding	0.50 	Depth to saturated zone I I Very limited Flooding	0.39
211: Edina	 - 100 	Depth to saturated zone	1.00 	Saturated Zone	1.00	 	11.00
220: Nodaway	 - 95 	Flooding		Depth to saturated zone			11.00
222C: Clarinda	 - 100 		1.00 0.39			 Very limited Shrink-swell Slope Depth to saturated zone	11.00

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	out	Dwellings with basements		Small commercia buildings	al
	 			 Rating class and limiting features 			
222C2: Clarinda	 100 100 	 Very limited Shrink-swell Depth to saturated zone	11.00	Shrink-swell		 Very limited Shrink-swell Slope Depth to saturated zone	 1.00 0.86 0.39
222C3: Clarinda	 100 	•	1.00 0.39			 Very limited Shrink-swell Slope Depth to saturated zone	11.00
222D2: Clarinda	 100 		11.00	Depth to saturated zone	1.00 1.00	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 0.39
260: Beckwith	 100 	Depth to saturated zone	1.00 	saturated zone	1.00 	•	1 1.00
261: Appanoose	100	 Very limited Depth to saturated zone Shrink-swell	1.00 	Depth to saturated zone	1.00 	 Very limited Depth to saturated zone Shrink-swell	11.00
269A: Humeston	 100 	 Very limited Flooding Depth to saturated zone Shrink-swell	11.00	Flooding Depth to saturated zone	1.00 1.00	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00 1.00

Building Site Development

Map symbol and soil name	of map	Pct. Dwellings without of basements map unit		Dwellings with basements l	Small commercia buildings	ıl	
	 	 Rating class and limiting features 		 Rating class and limiting features 			
269B: Humeston	 100 	Depth to saturated zone		 Very limited Depth to saturated zone Shrink-swell		 Very limited Depth to saturated zone Shrink-swell Slope	 1.00 1.00 0.01
273B: Olmitz	 - 100 	 Somewhat limited Shrink-swell 	 0.50 	 Somewhat limited Shrink-swell Depth to saturated zone	 0.50 0.16		 0.50 0.01
312B: Seymour	 100 		 1.00 	 Very limited Shrink-swell Depth to saturated zone	11.00	•	11.00
312C2: Seymour	 - 100 		11.00	 Very limited Shrink-swell Depth to saturated zone	1.00		11.00
313D2: Gosport	 55 	. 4	 1.00 0.63 0.07	Depth to Saturated zone Slope	1.00 1.00 0.63	Shrink-swell Depth to saturated zone	 1.00 1.00 0.07
Clanton	 45 		 1.00 0.63 		0.46 1.00 0.63 0.16	 Very limited Slope Shrink-swell	 1.00 1.00

Building Site Development

and soil name	of	Pct. Dwellings without of basements nap unit		Dwellings with basements 		Small commercial buildings 	
				Rating class and limiting features			
313E2: Gosport	55	Shrink-swell Slope Depth to	1.00 1.00 0.07	Shrink-swell Slope Depth to saturated zone Depth to soft	1.00 1.00 1.00	Shrink-swell Depth to saturated zone	 1.00 1.00 0.07
Clanton		Shrink-swell Slope	1.00 1.00 	Shrink-swell Slope	1.00 1.00 0.16	Shrink-swell 	 1.00 1.00
313F2:		Slope Shrink-swell Depth to	1.00 1.00 0.07	Slope Shrink-swell Depth to saturated zone Depth to soft	1.00 1.00 1.00	Shrink-swell Depth to saturated zone	 1.00 1.00 0.07
Clanton		Shrink-swell	1.00 	Slope Shrink-swell	1.00 1.00 0.16		 1.00 1.00
315: Nodaway 		 Very limited Flooding Shrink-swell 		Flooding Depth to saturated zone	1.00 0.61	Shrink-swell	 1.00 0.50
Alluvial Land	35	 Not rated 		 Not rated 		 Not rated 	
354: Marsh	95	 Not rated 		 Not rated 		 Not rated 	

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements I		Small commercia buildings	al
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	
362: Haig	 100 	 Very limited Depth to saturated zone Shrink-swell	11.00	Depth to saturated zone		 Very limited Depth to saturated zone Shrink-swell	 1.00 1.00
364B: Grundy	 100 	Shrink-swell	11.00	•	 1.00 1.00	•	 1.00 0.07
406: Kennebec	 55 	Flooding		Flooding	11.00	 Very limited Flooding Shrink-swell 	 1.00 0.50
Amana	 35 	Flooding	11.00	Flooding		İ	 1.00 0.50
413D2:	i						i
Sogn	40 	Depth to hard bedrock	11.00	Very limited Depth to hard bedrock	11.00	İ	11.00
		Slope	0.96 		İ	Depth to hard bedrock	1.00
		Shrink-swell	0.50 	Shrink-swell	0.50 	Shrink-swell	0.50
Clanton	30 	Very limited Shrink-swell Slope 			 1.00 0.96 0.16	Shrink-swell	 1.00 1.00

Building Site Development

Map symbol and soil name	 Pct. of	basements		 Dwellings with basements	Dwellings with basements		 11
t 	unit 	 Rating class and		 		-	
Gosport	30 30 	Shrink-swell Slope 		Shrink-swell Depth to saturated zone Slope	1.00 1.00	Depth to saturated zone	 1.00 1.00 0.07
422: Amana	95 95 	Flooding		Flooding Depth to saturated zone	1.00 0.95	İ	 1.00 0.50
425C: Keswick	 100 	Shrink-swell 	11.00	Depth to saturated zone	11.00	 Very limited Shrink-swell Slope Depth to saturated zone	11.00
425C2: Keswick	 100 	Shrink-swell		saturated zone	11.00	 Very limited Shrink-swell Slope Depth to saturated zone	 1.00 0.86 0.39
425D: Keswick	 100 	Shrink-swell Slope		saturated zone Slope	1.00 0.63	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 0.39

Building Site Development

and soil name	Pct. of map unit	basements		Dwellings with basements		 Small commercial buildings 	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
425D2: Keswick	 100 	Shrink-swell Slope		saturated zone Slope	1.00 0.63	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 0.39
425D3: Keswick	 100 	Shrink-swell Slope	11.00	Slope			 1.00 1.00 0.39
452B: Lineville	 100 		0.50 0.39		11.00	 Somewhat limited Shrink-swell Depth to saturated zone Slope	 0.50 0.39 0.01
452C: Lineville	 100 	Shrink-swell		 Very limited Shrink-swell Depth to saturated zone 	1 1.00 11.00	•	 0.86 0.50 0.39
452C2: Lineville	 100 		0.50		 1.00 1.00 	•	 0.86 0.50 0.39
453A: Tuskeego	 100 	· =		 Very limited Depth to saturated zone Shrink-swell		 Very limited Depth to saturated zone Shrink-swell	11.00

Building Site Development

Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercial buildings 		
	 			Rating class and limiting features				
453B: Tuskeego	 - 100 	 	11.00	 		 Very limited Depth to saturated zone Shrink-swell Slope	 1.00 1.00 0.01	
467: Radford	 - 95 	Flooding	1 1.00 10.50 1 10.39	Depth to saturated zone		Ī	 1.00 0.50 0.39	
520: Coppock	 - 95 	 Very limited		saturated zone		 Very limited Flooding Shrink-swell 	 1.00 0.50 0.39	
531B: Kniffin	 - 100 	 Very limited Shrink-swell 	 1.00	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95	•	 1.00 0.01	
531C: Kniffin	 - 100 	 Very limited Shrink-swell 	 1.00 	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95	•	 1.00 0.86	
531C2: Kniffin	 - 100 	· =	 1.00 	 Very limited Shrink-swell Depth to saturated zone		 Very limited Shrink-swell Slope 	 1.00 0.86 	
532B: Rathbun	 - 100 		1.00	 Very limited Shrink-swell Depth to saturated zone	1.00		 1.00 0.01	

Building Site Development

Map symbol and soil name	Pct. of map unit	basements		Dwellings with basements		 Small commercial buildings 	
	 _			Rating class and limiting features 			
532B2: Rathbun	 - 100 			Shrink-swell	1.00 0.95	 Very limited Shrink-swell Slope 	 1.00 0.01
532C: Rathbun	 - 100 	. =		Depth to		 Very limited Shrink-swell Slope	11.00
532C2: Rathbun	 - 100 	 Very limited Shrink-swell 		Depth to		 Very limited Shrink-swell Slope	11.00
534: Carlow	 - 100 	Flooding Depth to saturated zone	1.00 1.00 	•	1.00 1.00	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00
587: Chequest	 - 100 	Flooding Depth to saturated zone	1.00 1.00 	Flooding Depth to saturated zone	1.00 1.00 	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00
592C2: Mystic	 - 100 	 Very limited Shrink-swell 		Depth to	1.00		 1.00 0.86
592C3: Mystic	 - 100 	•		Depth to	1.00	•	11.00

Building Site Development

and soil name	Pct. of map unit	basements		Dwellings with		Small commercial buildings	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
592D2: Mystic	 100 	 Very limited Shrink-swell Slope 	1 1.00 10.63	•	 1.00 0.63 0.61	Shrink-swell	1 1.00 1.00
592D3: Mystic	 100 	 Very limited Shrink-swell Slope 	11.00	•	 1.00 0.63 0.61	Shrink-swell	 1.00 1.00
752C: Lineville Variant	 100 	 Somewhat limited Shrink-swell Depth to saturated zone	 0.50 0.39 	saturated zone	 1.00 0.50 	İ	0.86
752C2: Lineville Variant	 100 100 	 Somewhat limited Shrink-swell Depth to saturated zone	 0.50 0.39 	saturated zone	 1.00 0.50 	İ	 0.86 0.50 0.39
792C2: Armstrong	 100 	 Very limited Shrink-swell Depth to saturated zone	11.00	•	11.00		 1.00 0.86 0.39
792C3: Armstrong	 100 100 	-	 1.00 0.39 		 1.00 1.00	•	 1.00 0.86 0.39

Building Site Development

Map symbol and soil name	Pct. of map unit	basements		Dwellings with basements		Small commercial buildings	
	i I I	Rating class and limiting features		Rating class and limiting features			
792D2: Armstrong	 100 	Shrink-swell Slope 	1.00 0.63	Shrink-swell Depth to saturated zone	1.00 1.00	Shrink-swell	 1.00 1.00
	 	Depth to saturated zone 	0.39 	Slope 	0.63 	Depth to saturated zone 	0.39
792D3: Armstrong	 100 	•	1.00	Shrink-swell Depth to saturated zone	1.00 1.00	•	1.00
795C2: Ashgrove	 100 	 Very limited Shrink-swell Depth to saturated zone 	11.00	Shrink-swell		 Very limited Shrink-swell Slope Depth to saturated zone	 1.00 0.86 0.39
795D2: Ashgrove	 100 	•	 1.00 0.63 0.39	Depth to saturated zone	 1.00 1.00 0.63	Shrink-swell	 1.00 1.00 0.39
322D2: Lamoni	 100 	 Very limited	1 1.00 10.63	Depth to	11.00	 Very limited Slope Shrink-swell 	 1.00 1.00
322D3: Lamoni	 100 	saturated zone	i I	 	i i	saturated zone Very limited Slope Shrink-swell	0.39 1.00 1.00 0.39
		Depth to saturated zone		stope	0.03	Depth to saturated zone	10.39

Building Site Development

and soil name	Pct. of map unit	basements	ut	Dwellings with		Small commercial buildings	
	 			Rating class and limiting features			
993D2:				 		 	
Armstrong	60 	Shrink-swell	1.00 0.63	Shrink-swell Depth to	1.00 1.00	Very limited Slope Shrink-swell	11.00
	 	Depth to saturated zone	10.39	Slope	'	Depth to saturated zone	0.39
Gara	40	Slope		Shrink-swell Depth to			 1.00 0.50
993D3: Armstrong	 60 	Shrink-swell	11.00	Shrink-swell	1.00 1.00	 Very limited Slope Shrink-swell	 1.00 1.00
		Depth to saturated zone		Slope 	0.63 	Depth to saturated zone	0.39
Gara	40	Slope	0.63	Slope Shrink-swell Depth to			11.00
993E2: Armstrong	1 55	 Verv limited		 Very limited		 Very limited	
		Shrink-swell Slope	1.00 1.00 0.39	Shrink-swell	1.00 1.00 1.00	Slope Shrink-swell	1.00 1.00 0.39
Gara	35	Slope Shrink-swell	1.00 0.50	Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell 	 1.00 0.50
993E3: Armstrong	 55 	Shrink-swell Slope Depth to	 1.00 1.00 0.39	Slope Depth to	1.00 1.00 1.00	Shrink-swell Depth to	 1.00 1.00 0.39
		saturated zone	1	saturated zone	ļ.	saturated zone	1

Building Site Development

and soil name	Pct. Pct. of map unit	basements	Dwellings with basements 	Dwellings with basements		al	
	 			Rating class and limiting features			
Gara	 35 		 1.00 0.50 				 1.00 0.50
5030: Mines And Quarries	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
T130: Belinda	 100 	Depth to saturated zone	11.00	saturated zone		•	 1.00 1.00
T131B: Pershing	 100 	· <u>=</u>		 Very limited Shrink-swell Depth to saturated zone		 Very limited Shrink-swell Slope 	1 1.00 10.01
T131C: Pershing	 100 	· <u>=</u>		 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95 	•	 1.00 0.86
T132B: Weller	 100 		 1.00 	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95 		 1.00 0.01
T132C: Weller	 100 	-	 1.00 	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95 	•	 1.00 0.86